8 April 1981

MEMORANDUM FOR: Director of Data Processing

ATTENTION: Executive Officer

STAT   FROM: ┌─────────────────┐
                          └─────────────────┘
                          Deputy Director for Processing

SUBJECT: Processing Weekly Report for Week
                  Ending 7 April 1981

    1.   Systems Availability: Attached is the Systems
Availability Report.

    2.   The VM System was moved to the new 3033 MP in late March,
but because of severe stability problems it has been necessary to
move back to the V8 processor frequently. Because the problems cannot
be duplicated without a heavy load on the system, the policy has been
to start the day on the MP and move to the V8 after taking a hit.
Both ISB and IBM personnel are working intensively to determine the
cause of the problems, and several fixes have already been applied.
We have been able to isolate three definite problem areas, and are
making significant progress towards resolving these. ┌─────────┐ STAT
                                                      └─────────┘

    3.   The courier service that Data Conversion Branch has been
operating for many years ended on 31 March. Special arrangements
have been made with the Logistics Courier Service for special handling
of some payroll reports that are needed at Key Building. ┌─────────┐ STAT
                                                          └─────────┘

    4.   The customer (OSWR) ran a successful test using the
Production load module which resides on the new non-ODP load library
and was compiled from source residing on PANVALET. ┌─────────┐ STAT
                                                    └─────────┘

    5.   Five hundred and four cables had to be retransmitted from
CDS on 2 April due to D-37 abends encountered during packet processing.
A 100% increase in cable traffic due to the assassination attempt on
the President and the situation in ┌──────┐ caused this problem. CDS   STAT
was shut down for approximately 4 hours until the problem was resolved.
All calbes were retransmitted successfully. AMPS processing was delayed
for 2½ hours on 3 April due to hardware problems. NFAC traffic was
processed every hour over the weekend because of the anticipated heavy
STAT   cable traffic. ┌──────────┐
                        └──────────┘

6.   The REGDEMO Data Base was established on GIMDEV. This data base is for Applications personnel to give demonstrations to offices considering use of the standard registry system. It will also be used for user testing for new registry data bases prior to moving to Production. [   ]   STAT

7.   A new OCR application was brought online on 8 April. PMOOLTA is an application in support of SAFE development. [   ]   STAT

STAT   8.   [   ] met to discuss the SAFE Computer Center security requirements. Particular emphasis was placed on clearance requirements for the multiple contractors that will need computer center access during the initial implementation
STAT   phases of the SAFE project. [   ]

9.   ED will run a benchmark on the IBM 3033UP for 8 hours to help determine whether the CAMS 2 operating system will be MVS or VM.
STAT   [   ]

10.   Four individuals from NFAC/OER are currently undergoing a training session on the Hetra Remote Job Entry Stations at the
STAT   [   ]. OD is providing this training at the request of the Assistant NFAC ADP Coordinator. NFAC/OER will soon have two Hetra devices installed within its space. A thorough familiarization with all the operational facets of these devices is planned. [   ]   STAT

11.   Construction of a temporary control point area is underway in the Special Center. The construction will enable additional equipment to be moved into the old control point area. Plans have been made for the construction of a new control point and office
STAT   space in the GC-47 area. [   ]

12.   On Tuesday, 31 March, the IG's staff toured the computer
STAT   centers. [   ] conducted the tour and briefed the staff on ODP Computer Security. Areas of particular interest were access procedures, badge reader operation, magnetic tape handling and removal procedures, operation of the Tape Management System and the Document Logging System. At the conclusion of the tour, the IG staff expressed their pleasure with the emphasis placed
STAT   on computer security in ODP. [   ]

STAT   13.   [   ] are scheduled to begin an audit of the CAMS Delta Data terminals now in use in the Intelligence Community. The audit to begin on 13 April, is the result of reported electronic emanations from a terminal located at the Pentagon. [   ]   STAT

14.   A one week course entitled "CMS Internals" conducted by the Amdahl Corporation was held at CofC with 16 Processing personnel attending. Critiques were very favorable for the most part by the systems programmers who attended the course. [   ]   STAT

15.   In the Ruffing Center, VM continued to have numerous short outages throughout the week. JES lost more than an hour due to two power problems this week. The batch system was down for an additional 88 minutes due to a power supply problem in the 3033 on Friday. That day, AEGIS lost seven hours due to its applications software problems. GIMDEV lost about 40 minutes on each of Wednesday, Thursday, and Friday, due to IBM and Cambridge memory problems on the 168-3. On Monday and Tuesday, availabilities were very good. [   ]

STAT

16.   In the Special Center, TPSTAR fared badly this week. Wednesday, there was a loss of three hours and 45 minutes due to a faulty Telex disk controller and a bad card in a tape controller. On Thursday, a COMTEN failure caused STAR to lose 72 minutes, and caused TPNIPS to lose almost as much. Friday, STAR lost 48 minutes, possibly due to a memory failure. CAMPROD lost time on at least eight separate occasions during the week, the worst day being Friday, when nearly two and a half hours were lost in four incidents due to a variety of problems. [   ] STAT

17.   The GIMPROD processor (Amdahl 470/V6) was heavily utilized throughout the week. Specifically, that CPU was at least 90% budy for the majority of the day on Wednesday, 1 April, causing degraded GIMPROD service. [   ]

STAT

18.   A fix was installed in the DDO Comten to prevent the Comten from failing when JES support was switched. There have been no failures since this fix was installed Monday night, 6 April. [   ]

STAT

19.   Testing of the new OC Timplex statistical multiplexor has been halted because OC had to take the statistical multiplexors back. OC will return them as soon as possible. [   ]   STAT

STAT

Att: a/s

UNCLASSIFIED

08 APRIL 1981

DDA/ODP
SYSTEMS AVAILABILITY SUMMARY
MONDAY 30 MAR 1981 THRU SUNDAY 05 APR 1981

SYSTEM	CURRENT WEEK 30 MAR - 05 APR	PREVIOUS 90 DAYS 29 DEC - 29 MAR	DIFFERENCE
BATCH	94.81	96.38	- 1.57
INTERACTIVE	84.28	97.02	- 12.74
GIMS	84.24	95.94	- 11.70
CAMS	94.40	98.47	- 4.07
OCR-COLTS	84.34	94.19	- 9.85
OCR-RECON	83.84	90.29	- 6.45
DDO-STAR	84.80	96.01	- 11.21
OSWR-TADS	82.43	98.64	- 16.21

BATCH, INTERACTIVE, GIMS, CAMS, OCR-COLTS, OCR-RECON, DDO-STAR, and OSWR-TADS all reported below the goal of 96 percent for the week with each application recording outages due to hardware, software, and procedural errors.

- BATCH experienced procedural outages due to a 4 hour and 10 minute VEPCO/UPS power loss and a 36 minute power converter outage. In addition batch encountered 3 hours and 58 minutes of hardware errors.

- INTERACTIVE (VM) had a 4 hour and 3 minute procedural outage due to a VEPCO/UPS power loss, 3 hours and 44 minutes of hardware errors, and 52 minutes of software problems.

- GIMS experienced a 7 hour and 15 minute procedural outage due to a VEPCO/UPS power loss and 38 minutes of hardware errors.

- CAMS had 6 hours and 17 minutes of software problems and 2 hours and 31 minutes of procedural errors including a 2 hour and 27 minute VEPCO/UPS power loss.

- OCR-COLTS had a 7 hour and 40 minute procedural outage due
  to a VEPCO/UPS power loss and a 10 minute TELEX hardware error.

- OCR-RECON experienced a 7 hour and 40 minute procedural outage
  due to a VEPCO/UPS power loss, a 15 minute software problem,
  and a 10 minute TELEX hardware error.

- DDO-STAR had 7 hours and 42 minutes of procedural outages
  including a 4 hour and 45 minute VEPCO/UPS power loss and
  and 5 hours and 18 minutes of hardware errors including 4 hours
  and 30 minutes of TELEX drive failures.

- OSWR-TADS experienced a 9 hour and 40 minute outage due to a
  VEPCO/UPS power loss.